FIG. 1

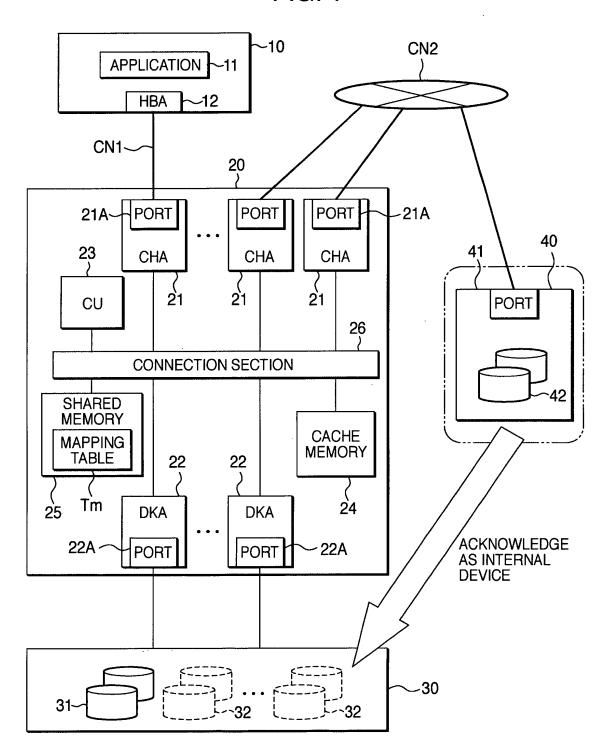


FIG. 2

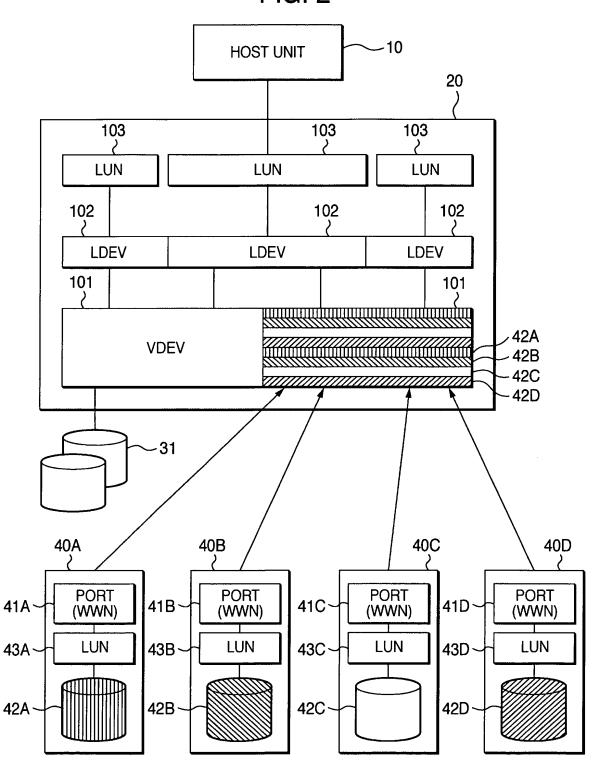
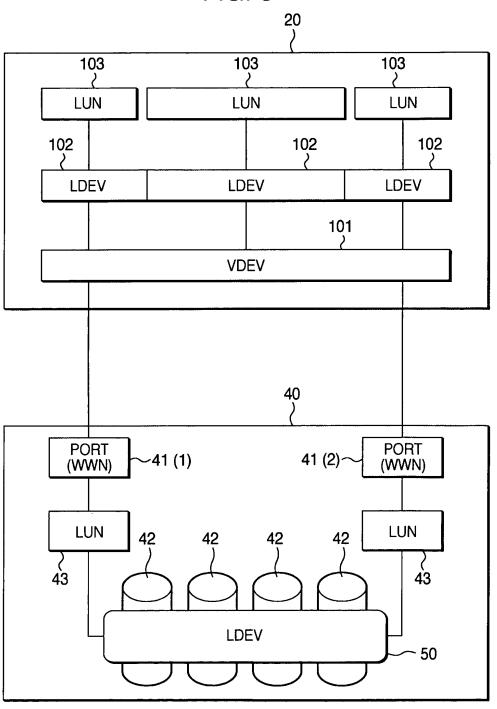
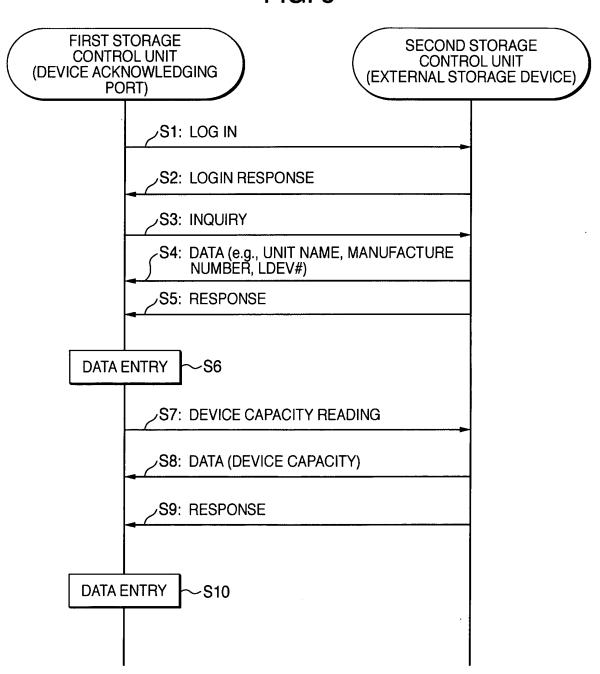


FIG. 3



								ALTERNATE PATH	
		ATION	RON	0	3	5	9	3	5
	VIION	PATH INFORMATION	WWN	0xAABBCCDD	0xAABBEEFF	0x445566AAB	0x77DE12345	0x77DE12345	0x377DE7890
	CE INFORMA	DEVICE	TYPE	DISK	DISK	TAPE		DISK	
Tm <	) EXTERNAL DEVICE INFORMATION	CAPACITY	(KB)	657,456	89,854			5,544,223	
		DEVICE IDENTIFYING	INFORMATION	DRFGTFNEIEK	ADRFGTFNEIE	GGRRFFDDERT		AABBCCDDEE	
		VDEV		0	-	2		က	

FIG. 5



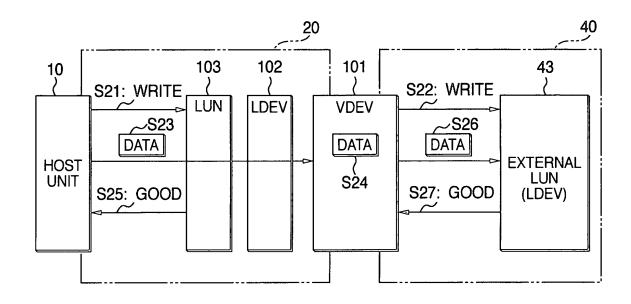
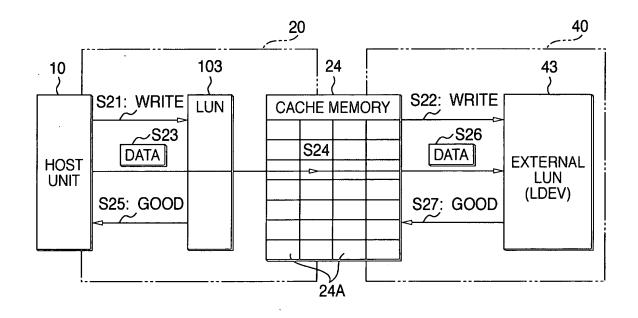


FIG. 6B



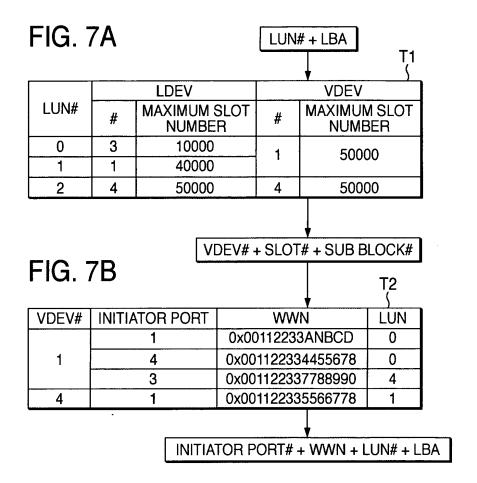


FIG. 7C

			<del>r</del>			)	
VDEV# STRIPE SIZE		RAID LEVEL	COMPETITORS' SS#	VDEV-EXTERNAL LUN PATH			
				INITIATOR PORT#	WWN	LUN	
				1	0x00112233ANBCD	0	
			1	4	0x001122334455678	0	
1	64BYTE	RAID1		3	0x001122337788990	4	
			4	1	0x001122334455678	1	
			6	3	0x001122337788990	2	
			7	3	0x001122334455678	5	

T2a

FIG. 8A

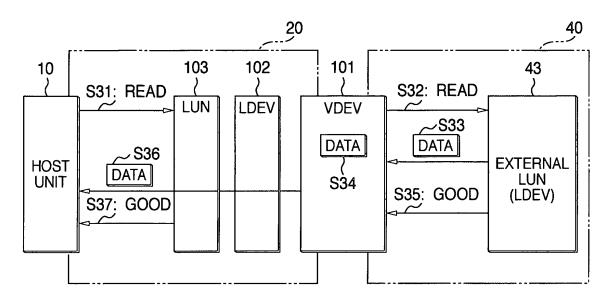
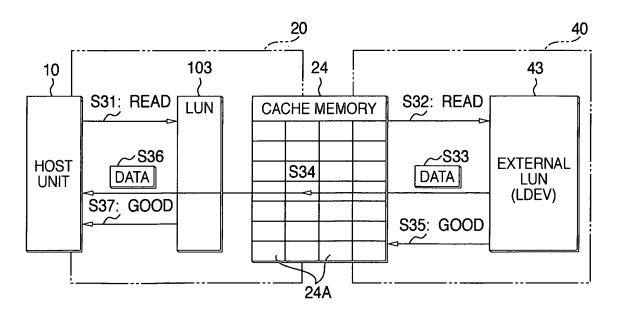
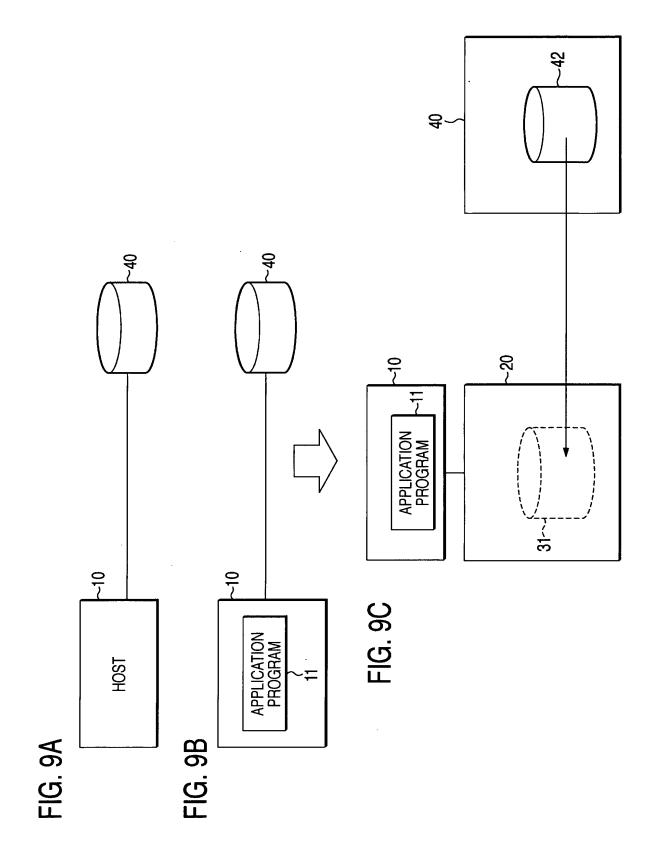


FIG. 8B





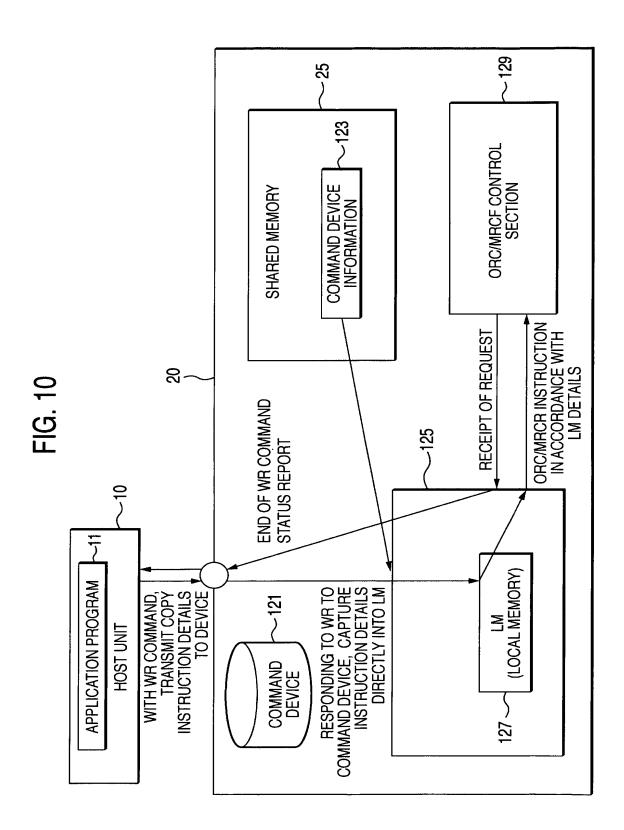
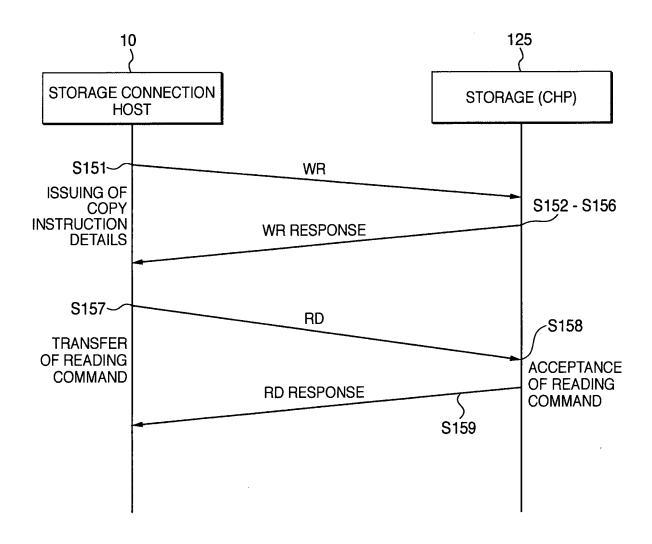
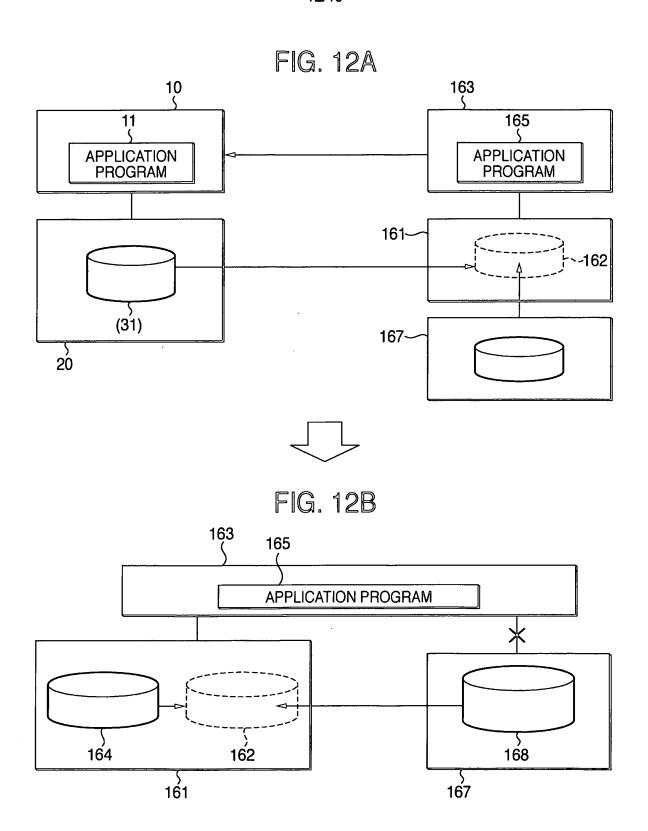
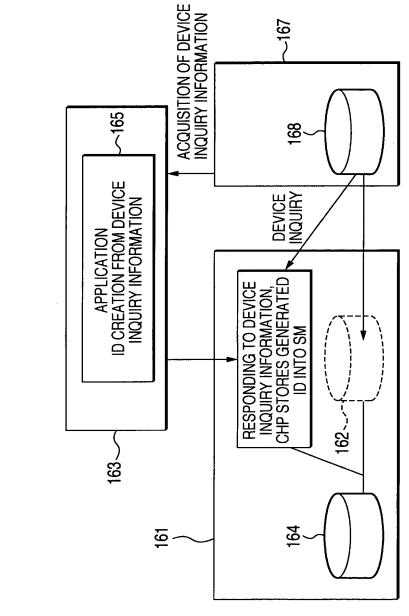


FIG. 11







-1G. 13A

FIG. 13B

	EXTERNAL DEVICE INFORMATION					
VDEV	DEVICE IDENTIFYING	CAPACITY	DEVICE	PATH INFORMATION		
	INFORMATION (ID)	(K BYTE)	TYPE	WWN	LUX	
0	DRFGTFNEIEK WNF1GKEF	657,456	DISK	0xAABBCCDD EEFF0000	0	
1	ADRFGTFNEIE KWN33445	89,354	DISK	0xAABBCCD DEEFF0000	3	
2	GGRRFFDDER TT00		TAPE '	0x44556677 AA331122	5	
				0x77DE12435 5889922	6	
3	AABBCCDD EEFF	5,544,223	DISK	0x77DE12435 588910	3	
				0x77DE12435 588988	5	

## FIG. 13C

0 (BYTE) 4	
8	VENDOR ID
12	
16	PRODUCT ID
32 36 56	VENDOR SPECIFIC

ANY PART UNIQUE TO EXTERNAL LUN IS EXTRACTED FROM DEVICE INQUIRY INFORMATION FOR STORAGE INTO MAPPING TABLE AS DEVICE IDENTIFYING INFORMATION (ID) FOR DF, EXEMPLARILY, VENDOR ID AND PRODUCT ID USED ARE SERIAL NUMBER AND LDEV NUMBER IN VENDOR SPECIFIC

FIG. 14

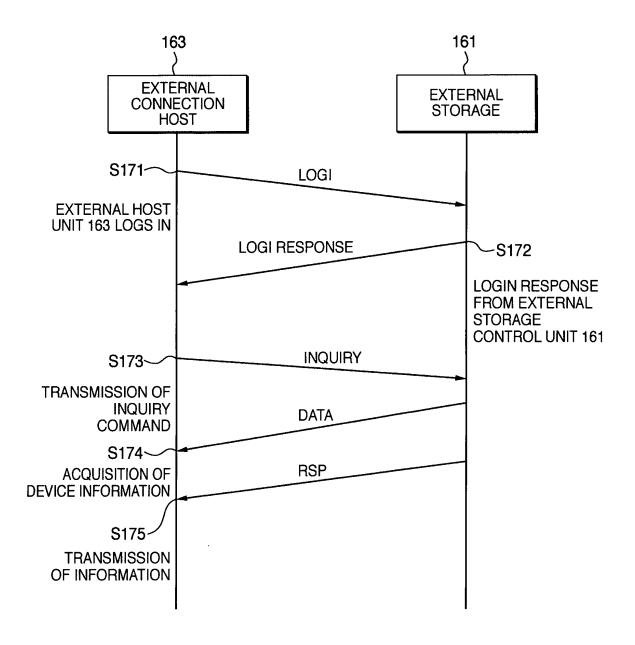


FIG. 15

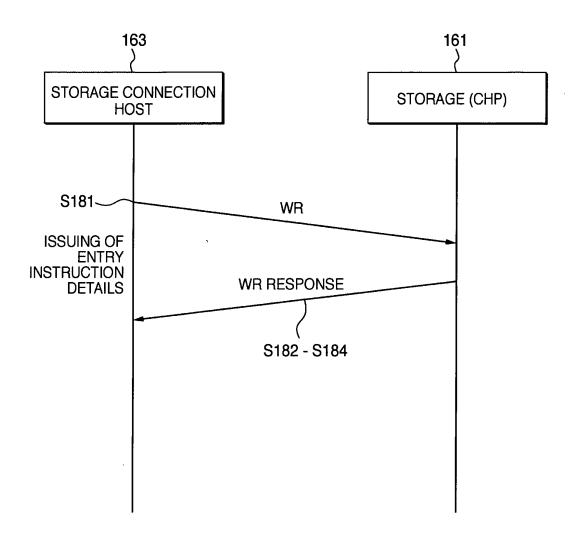
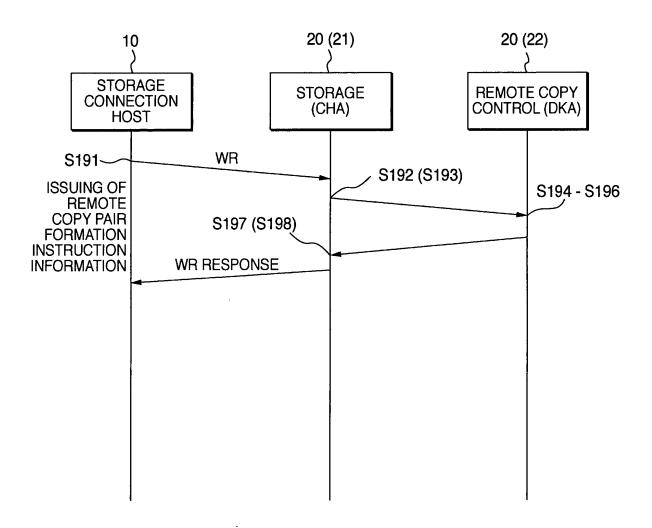


FIG. 16



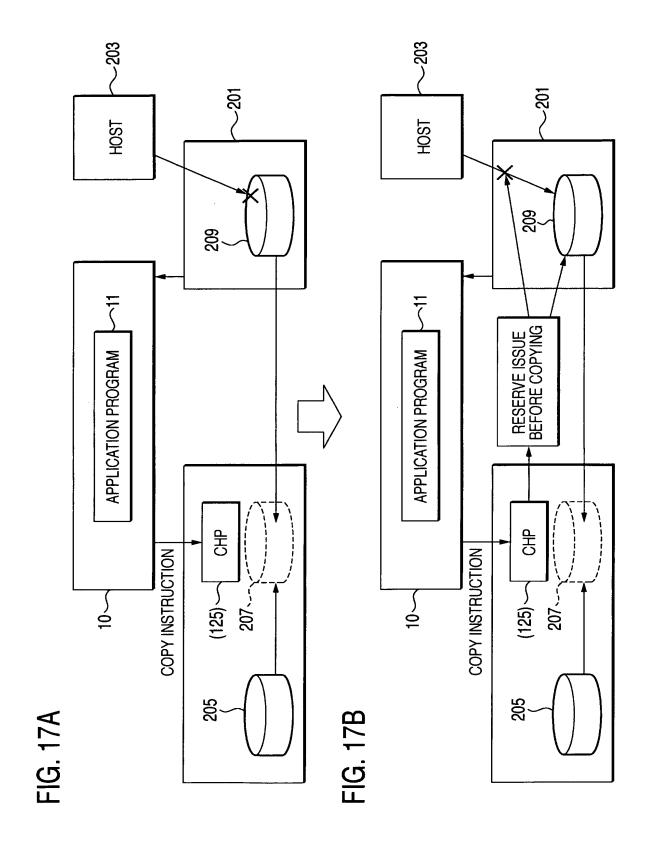


FIG. 18A

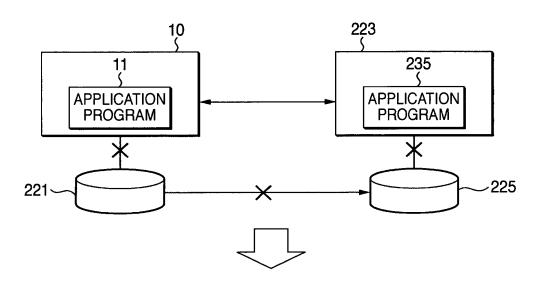


FIG. 18B

10
223
APPLICATION
PROGRAM
PROGRAM
223
233
229
221
221
225